Title: DVT Therapy Pump	DATE: 03-05-2011
By: Compression Therapy Concepts Eatontown, NJ	**Disclaimer: This procedure provided "as is" and with possible faults. User must verify before use. Neither provider nor website assumes any responsibility for its use.**
File = DVT-ctc.doc	

General

Applies to the Compression Therapy Concepts Model VP500.

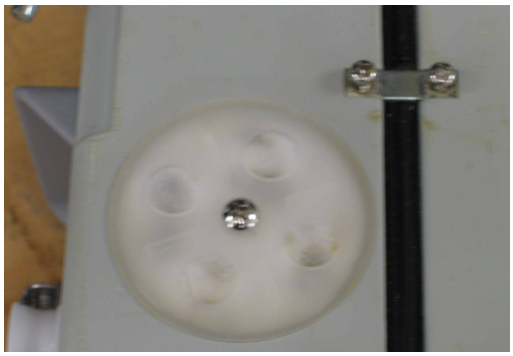
1. Reference Information
   http://www.ctcdvt.com
   info@ctcdvt.com

2. Tools / Fixtures / Labels
   Manometer capable of reading up to 100 mmHg.

3. Basic PM Procedure

3.1. Physical

- Check cord integrity and case for cracks.
- Check toggle action of On/Off switch
- Check the two output connectors; not uncommon for an inside fastener nut to loosen.
- Clean or replace filter pads on back of unit.



Note: Tolerance of pressure reading results are +/- 10% per manufacturer. If necessary, the regulator may be adjusted by removing the dial cap and adjusting the inner screw as shown.

3.2. Pressure Checks

- Connect manometer to one of the output ports; set pressure dial to 40; turn on unit. Within 30 seconds, the pressure should reach 40 mmHg.
- Turn pressure dial to 80; on next output cycle reading should reach 80 mmHg.
- Remaining Output Port: Move hose/fitting to other connector. Repeat the above steps for it.
- Low Pressure Detect: Run the unit with no hoses connected. An audible alarm will occur in less than a minute.

3.3. Cycle Time Verification

- The off-time (between the end of pressure on connector 1 to the beginning of connector 2) is 16 – 17 seconds.
- The on-time for pressure delivered on either connector is 11 – 13 seconds.

Repair Tip: When separating the two case halves, the two side inserts should remain with the case front.

APPENDIX

DVT = Deep Vein Thrombosis

Rev 1-05-2011 Added note for filter.

Rev 3-05-2011 Added low pressure alarm check.